

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	LUL #3071015 for the Town of Sunburst to place a water tank, water pipeline, and truck road on state land in order to provide water to the Kevin Rim Wind Project.
Proposed Implementation Date:	Spring 2012
Proponent:	Town of Sunburst, PO Box 245, Sunburst, MT 59482
Location:	NE4SE4, Section 15, T36N, R4W.
County:	Toole
Trust:	Common Schools (CS)

I. TYPE AND PURPOSE OF ACTION

The proponent has applied for a LUL for the use of a 200' X 200' piece of state land in the Northwest corner of the NE4SE4, Section 15, T36N, R4W. These 0.92 acres of state land will have a water tank and a water pipeline placed on it to provide fresh water for concrete to the Kevin Rim Wind Project. The state land will also have a truck road placed on it to allow water trucks to fill from the tank. The main Kevin water line lies to the North of the proposed project area just off of state land and will be tied into to furnish water for the project.

II. PROJECT DEVELOPMENT

1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

Provide a brief chronology of the scoping and ongoing involvement for this project.

DNRC-Surface
Rimrock Colony-Surface Lessee, Lease #3678
Town of Sunburst-Proponent

2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

DNRC is not aware of any other agencies with jurisdiction or other permits needed to complete this project

3. ALTERNATIVES CONSIDERED:

Alternative A (No Action) – Deny the proponent the requested LUL #3071015.

Alternative B (the Proposed action) –Grant the proponent the requested LUL #3071015.

III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" If no impacts are identified or the resource is not present.*

4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.

Soils and geology in this area are generally suitable for the placement of the water tank, water pipeline, and truck road. Only minimal site leveling and graveling will be necessary for the placement of the water tank and truck road. The proponent will use an existing approach off of the Rim Road to access the site. Any disturbance to the soil in the construction and maintenance of the project will require the site to be reclaimed. Reclamation requirements are to re-contour and reseed any disturbed areas with the existing grass types and seeding rates that are listed in item 7 of this assessment.

No cumulative effects to the soils are anticipated.

5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.

No important surface or groundwater resources will be impacted by the proposed LUL #3071015 for the placement of the water tank, water pipeline, and truck road.

Other water quality and/or quantity issues will not be impacted by the proposed action.

6. AIR QUALITY:

What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.

The proposed LUL #3071015 will consist of only minor disturbance to soils, so no cumulative effects to air quality are anticipated.

7. VEGETATION COVER, QUANTITY AND QUALITY:

What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.

The vegetation within the proposed project area consists primarily of native rangeland grasses, forbs, and shrubs. The placement of the water tank, water pipeline, and truck road will only impact 0.92 acres of state land, so only a minimal amount of existing vegetation will be disturbed. Any disturbed areas will be reclaimed and reseeded. The reseeding mixture will be as follows: Western Wheatgrass 35%, Slender wheatgrass 35%, Bluebunch wheatgrass 15%, Green needlegrass 10%, and Lewis Blue Flax 5%. The seeding rate will be 7 lbs of PLS per acre and if broadcast the rate will be doubled.

A review of Natural Heritage data through the NRIS was conducted and there were no plant species of concern noted or potential species of concern noted on the NRIS survey.

8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:

Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.

The proposal does not include any land use change which would yield changes to the wildlife habitat. The proposed action will not impact wildlife forage, cover, or traveling corridors. Nor will this action change the juxtaposition of wildlife forage, water, or hiding and thermal cover. The proposed action will not have long-term negative effects on existing wildlife species and/or wildlife habitat.

9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:

Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.

A review of Natural Heritage data through the NRIS was conducted. T36N, R4W: There were two animal species of concern and zero potential species of concern noted on the NRIS survey: Birds-Ferruginous Hawk. Mammals-Hoary Bat. This particular tract of native rangeland does not contain many, if any of these species. Threatened or endangered species, sensitive habitat types, or other species of special concern or potential species of concern will not be impacted by the proposed project.

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

Identify and determine effects to historical, archaeological or paleontological resources.

No historical, archaeological, or paleontological resources were identified in the proposed project area. Minimal site leveling and graveling will occur during the proposed project, so no cultural resources will be impacted by the proposed LUL #3071015.

11. AESTHETICS:

Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.

The state land does not provide any unique scenic qualities not also provided on adjacent private lands. The proposed LUL #3071015 will consist of the placement of a water tank, water line, and truck road just off of an existing county road, so there would be no change to the aesthetics in either alternative.

No direct or cumulative effects to aesthetics are anticipated.

12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:

Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.

The demand on environmental resources such as land, water, air, or energy will not be affected by the proposed action. The proposed action will not consume resources that are limited in the area. There are no other projects in the area that will affect the proposed action.

13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:

List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.

There are no other projects or plans being considered on the tracts listed on this EA.

IV. IMPACTS ON THE HUMAN POPULATION

- | |
|---|
| <ul style="list-style-type: none">• RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.• Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.• Enter "NONE" if no impacts are identified or the resource is not present. |
|---|
-

14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project.

The proponent will be required to hold liability insurance to cover any potential health and safety risks that the proposed project may create.

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

Identify how the project would add to or alter these activities.

The proponent will place a water tank, water line, and truck road just off of a county road on state land. Only minor site leveling and graveling will occur in the proposed project. LUL #3071015 will not add to or alter agricultural activities or production on the lease.

16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:

Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.

The proposed action will not create any long-term jobs as the project is of a relatively small nature. Once the water tank, water line, and truck road are installed, any maintenance will occur by existing employees of the Town of Sunburst.

17. LOCAL AND STATE TAX BASE AND TAX REVENUES:

Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.

The minor maintenance and construction will be performed in house by the Town of Sunburst. The Town of Sunburst's water system is existing, so no new tax revenue will be generated.

There are no direct or cumulative effects to taxes or revenue for the proposed project.

18. DEMAND FOR GOVERNMENT SERVICES:

Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services

There will be no direct or cumulative effects on government services.

19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:

List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.

The proposed action is in compliance with State and County laws. No other management plans are in effect for the area.

20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:

Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.

This tract of state land generally has low recreational value for hunting and fishing. This tract is legally accessible to the public via Rim Road. The proposed action is not expected to impact general recreational activities on this state land.

21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:

Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing

The proposal does not include any changes to housing or developments.

No direct or cumulative effects to population or housing are anticipated.

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

There are no native, unique or traditional lifestyles or communities in the vicinity that would be impacted by the proposal.

23. CULTURAL UNIQUENESS AND DIVERSITY:

How would the action affect any unique quality of the area?

The proposed action will not impact the cultural uniqueness or diversity of the area.

24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:

Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.

LUL #3071015 will benefit the school trust in terms of the \$25.00 fee generated from the LUL application fee. The LUL will generate an annual fee of \$500.00/year for the five year term of the LUL for the Common Schools trust. Cumulative impacts are not likely as the area is used for grazing and the placement of the water tank, water pipeline, and truck road will not affect the long-term viability of grazing on these tracts.

EA Checklist Prepared By:	Name: Tony Nickol	Date: February 21, 2012
	Title: Land Use Specialist, Conrad Unit, Central Land Office	

V. FINDING

25. ALTERNATIVE SELECTED:

Alternative B (the Proposed action) –Grant the proponent the requested LUL #3071015.

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

The applicant will be utilizing less than an acre of native rangeland immediately adjacent existing county road. The City of Sunburst will supply the water through the municipal water supply pipeline. The surface lessee does not have concerns. The area will be fenced to prevent livestock from entering. The water tank will benefit the local economy in association with the construction of the Kevin Rome Wind Project. The area will be reclaimed and restored following intended use. Significant impacts to the environment are not anticipated as a result of issuing the LUL.

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

☐


EIS

☐

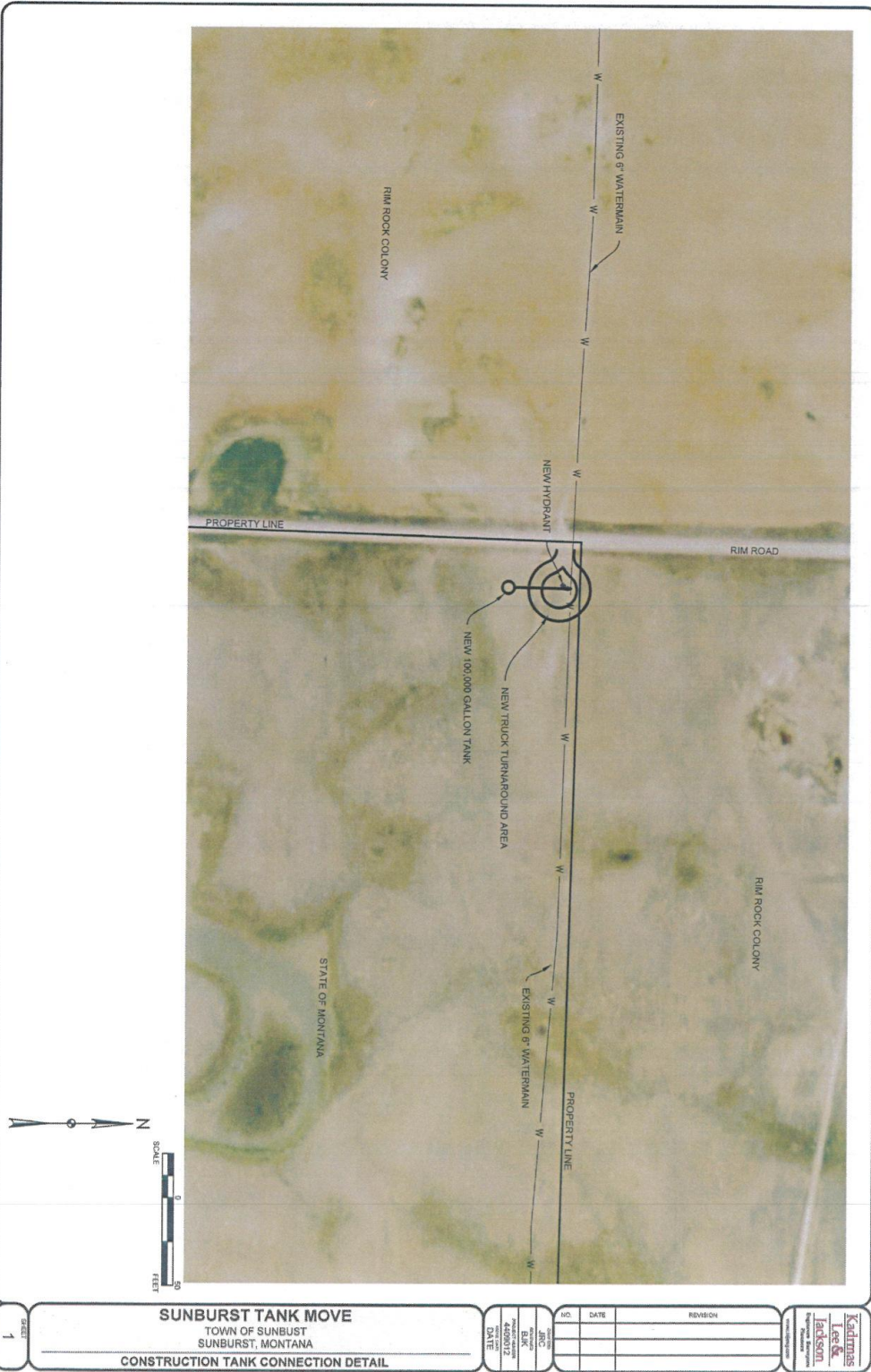
More Detailed EA

☒

No Further Analysis

EA Checklist Approved By:	Name: Erik Eneboe
	Title: Conrad Unit Manager, CLO
Signature: 	
Date: February 27, 2012	

File: 21_2012_1_472m - Arroyo de San Juan 4411014_Sunburst_TankMove.dwg



© Cadmus, Inc. & Jackson, Inc. 2012